

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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SEP 147		Application	ı No.	Applicant(s)	
SEP 1 3	<b>45</b> /	10/665,337	,	NASH ET AL.	
BACK THAP	Office Action Summary	Examiner		Art Unit	
		Kevin T. Tri		3734	
Period fo	The MAILING DATE of this com r Reply	munication appears on the	cover sheet with the c	correspondence	address -
A SHI WHIC - Exter after - If NO - Failu Any I	ORTENED STATUTORY PERIOR HEVER IS LONGER, FROM THE ISLAND OF THE ISLAND	HE MAILING DATE OF THI disions of 37 CFR 1.136(a). In no ever communication. In the statutory period will apply and will the property period will apply and will the property and will the statute, cause the applicants after the mailing date of this communication.	IS COMMUNICATION  nt, however, may a reply be tire  expire SIX (6) MONTHS from  cation to become ABANDONE	N. mely filed in the malling date of the ED (35 U.S.C. § 133).	
Status					
1)	Responsive to communication(s	s) filed on			
2a) <u></u> ☐	This action is FINAL.	2b)⊠ This action is no	on-final.		
3)	Since this application is in cond	•			the merits is
	closed in accordance with the p	ractice under Ex parte Qua	ayle, 1935 C.D. 11, 4	153 O.G. 213.	
Disposit	ion of Claims				
4)⊠	Claim(s) 1-87 is/are pending in	the application.			
	4a) Of the above claim(s)	_is/are withdrawn from cor	sideration.		•
5)	Claim(s) is/are allowed.		•		
6)⊠	Claim(s) <u>1-87</u> is/are rejected.				
•	Claim(s) is/are objected				
8)[]	Claim(s) are subject to r	estriction and/or election re	equirement.		
Applicat	ion Papers		•		
9)	The specification is objected to	by the Examiner.			
10)□	The drawing(s) filed on is	s/are: a) accepted or b)	objected to by the	Examiner.	
	Applicant may not request that any	objection to the drawing(s) b	e held in abeyance. S	ee 37 CFR 1.85(a	).
	Replacement drawing sheet(s) inc	luding the correction is require	ed if the drawing(s) is o	bjected to. See 3	7 CFR 1.121(d).
11)[	The oath or declaration is object	ted to by the Examiner. No	ote the attached Offic	e Action or form	PTO-152.
Priority	under 35 U.S.C. § 119				
	Acknowledgment is made of a c		der 35 U.S.C. § 119(	a)-(d) or (f).	
	•	iority documents have bee			
	2. Certified copies of the pr	•	· •		
	3. Copies of the certified co			ived in this Natio	nal Stage
	application from the inte See the attached detailed Office	rnational Bureau (PCT Rul		wod	
	See the attached detailed Office	action for a list of the certi	med copies not receive	veu.	
			·		
Attachme	nt(s)		·		
	ice of References Cited (PTO-892)		4) Interview Summa		
	ice of Draftsperson's Patent Drawing Re ormation Disclosure Statement(s) (PTO/S		Paper No(s)/Mail 5) Notice of Informa		
Pa	per No(s)/Mail Date 1/13/05; 14/42/08.	a	6) Other:		
	Tredemark Office (Rev. 08-06)	위식6) Office Action Summa	ary	Part of Paper No./M	ail Date 20061127

Art Unit: 3734

#### **DETAILED ACTION**

#### **Double Patenting**

1. A rejection based on double patenting of the "same invention" type finds its support in the language of 35 U.S.C. 101 which states that "whoever invents or discovers any new and useful process ... may obtain a patent therefor ..." (Emphasis added). Thus, the term "same invention," in this context, means an invention drawn to identical subject matter. See *Miller v. Eagle Mfg. Co.*, 151 U.S. 186 (1894); *In re Ockert*, 245 F.2d 467, 114 USPQ 330 (CCPA 1957); and *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970).

A statutory type (35 U.S.C. 101) double patenting rejection can be overcome by canceling or amending the conflicting claims so they are no longer coextensive in scope. The filing of a terminal disclaimer <u>cannot</u> overcome a double patenting rejection based upon 35 U.S.C. 101.

2. Claims 1-87 are rejected under 35 U.S.C. 101 as claiming the same invention as that of claims 1-80 and 85-89 of prior U.S. Patent No. 6,905,505. This is a double patenting rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin T. Truong whose telephone number is 571-272-4705. The examiner can normally be reached on Monday-Thursday from 8:00 AM to 6:00 PM..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Hayes can be reached on 571-272-4959. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

**Art Unit: 3734** 

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Kevin T. Truong Primary Examiner Art Unit 3734

ktt

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

6135991

<sup>US-</sup> 6217567

<sup>US-</sup> 6235042

Complete if Known

Application Number 10/665337

Filing Date 09/18/2003

First Named Inventor Nash, John E.

Art Unit 3731

Examiner Name

Attorney Docket Number KN P 0125

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2 (F Assum)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear
in		<sup>US-</sup> 4775371	10/4/88	Mueller, Jr.	
		<sup>US-</sup> 5120308	6/9/92	Hess	
		<sup>US-</sup> 5135483	8/4/92	Wagner et al	
		US- 5209727	5/11/93	Radish, Jr. et al	
		<sup>US-</sup> 5385152	1/31/98	Abele et al	
		US- 5665103	9/9/97	Lafontaine et al	
		US- 5779721	7/14/98	Nash	
		US- 5836892	11/17/98	Lorenzo	
		US- 5868767	2/9/99	Farley et al	
		<sup>US-</sup> 5879361	3/9/99	Nash	
	Ì	<sup>US-</sup> 5976153	11/2/99	Fischell et al	
		US- 6017319	1/25/00	Jacobsen et al	
		US- 6074407	6/13/00	Levine et al	
		<sup>US-</sup> 6080170	6/27/00	Nash et al	
		us- 6093157	7/25/00	Chandrasekaran	
		US- 6126667	10/3/00	Barry et al	

		FURE	IGN PATENT DOCI	JMENTS		
	Cite No.1	Foreign Patent Occument	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	1
		WO 01/10313	2/15/01	Kensey Nash		
1		WO 00/54659	9/21/00	Prolifix Med		
		EP 0806212	11/12/97	Matrix Medical		L
		WO 92/21386	12/10/92	Biocompatibles		
		WO 98/04199	2/5/98	Kensey Nash		L
		WO 99/21510	5/6/99	Kensey Nash	·	Т

10/24/00

4/17/01

5/22/01

Muni et al

Katzman

Zadno-Azizi et al.

Examinar Signature Q , TRUOV Considered (1/27/06

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japaness patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Itind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. "Applicant is to place a check mark here if English language Translation is stacked.

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Sheet 2

**INFORMATION DISCLOSURE** 

STATEMENT BY APPLICANT

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**Application Number** 10/665337 Filing Date 09/18/2003 First Named Inventor

Art Unit

Nash, John E. 3731

Examiner Name

Attorney Docket Number KN P 0125

				DOCUMENTS		
xaminer nitials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages or Relevant	
		Number-Kind Code <sup>2 (F known)</sup>			Figures Appear	
14		<sup>US-</sup> 6264672	07/24/01	Fisher		
		<sup>US-</sup> 6296616	10/2/01	McMahon		
		US-6319244	11/20/01	Suresh et al		
		<sup>US-</sup> 6344049	2/5/02	Levinson et al		
		<sup>US-</sup> 6436056	8/20/02	Wang et al		
		us- 6652480	11/25/03	Imran et al		
		US- 6482217	11/19/02	Pintor et al		
		us- 5900246	05/04/99	Lambert		
		<sup>US-</sup> 5022553	06/11/91	Pontius		
		<sup>US-</sup> 5047040	09/10/91	Simpson et al		
		<sup>US-</sup> 5370651	12/6/94	Summers		
		<sup>US-</sup> 5462529	10/31/95	Simpson et al		
<u> </u>		<sup>US-</sup> 5679558	10/21/97	Gobel et al		
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	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
,		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>6</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	7
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Translation is attached.

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	Application Number	10/665337
INFORMATION DISCLOSURE	Filing Date	09/18/2003
STATEMENT BY APPLICANT	First Named Inventor	Nash, John E.
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STATEMENT BY APPLICANT First Named Inventor Nash, John E.	·	
Sheet 3 of 3	Attorney Docket Number	KN P 0125

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
W		Kolodgie et al, Local delivery of ceramide for restenosis: is there a future for lipid therapy?, Circulation Res., Augsut 18,2000.	
		CHARLES et al., Ceramide-coated balloon catheters limit necinitmal hyperlasia after stretch injury in carotid arteries, Circulation Res., Agust 18, 2000, 87:287.	
W		BONAN, Local drug delivery for the treatment of thrombus and restenosis, J. of Invasive Cardiology, October 1996, 8:399-408.	
		•	

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Signature	Considered	4/0//0/
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/665,337		
Filing Date	09/18/2003		
First Named Inventor	Nash, John E.		
Art Unit	1		
Examiner Name		······································	
Attorney Docket Number	KN D 0125		

Initials* N	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
	No.'	Number-Kind Code <sup>2 (J known)</sup> MM-DD-YYYY	MM-DO-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
W		<sup>US-</sup> 4445509	05-01-1984	Auth		
L		<sup>US-</sup> 4700705	10-20-1987	Kensey et al.		
		US- 4747821	05-31-1988	Kensey et al.		
		<sup>US-</sup> 5042984	08-27-1991	Kensey et al.		
		US- 4589412	05-20-1986	Kensey		
		US- 4631052	12-23-1986	Kensey		
		us- 4686982	08-18-1987	Nash		
		us- 4749376	06-07-1988	Kensey et al.	·	
		<sup>US-</sup> 4790813	12-13-1988	Kensey		
		<sup>US-</sup> 5009659	04-23-1991	Hamlin et al.		
		<sup>US-</sup> 5074841	12-24-1991	Ademovic		
		<sup>US-</sup> 5282484	02-01-1994	Reger		
		<sup>US-</sup> 5366463	11-22-1994	Ryan		
		US- 5368603	11-29-1994	Halliburton		
		·US- 5402790	04-04-1995	Jang et al.		
		US- 5423742	06-13-1995	Theron		
		<sup>US-</sup> 5429136	07-04-1995	Milo et al.		
1		<sup>US-</sup> 5370609	12-06-1994	Drasler et al.		
h/		US- 5496267	03-05-1996	Drasler et al.		

	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Π
		Country Code <sup>3</sup> Number <sup>4</sup> Nind Code <sup>3</sup> (If known)	MM-DD-YYYY		Or Relevant Figures Appear	٢
4		EP 0353087	01-31-1990	Shiber, Samual		
		WO 93/00119	01-07-1993	Lake Region Mfg		
W		WO 95/21576	08-17-1995	Microvena Corp		
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Signature	1 16	Thison	Considered	1/27/06

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/665,337 Filing Date 09/18/2003 First Named Inventor Nash, John E. Art Unit Examiner Name Attorney Docket Number KN P 0125

				DOCUMENTS	
Examiner Initiats*	Cite No.	Document Number  Number-Kind Code <sup>2 (Findent)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1/		US- 5224945 07-06-1993	Pannek, Jr.		
ì		<sup>US-</sup> 5030201	07-09-1991	Palestrant	
T		us- 4679558	07-14-1987	Kensey et al.	
		<sup>US-</sup> 4696667	09-29-1987	Masch	
		<sup>US-</sup> 4762129	08-09-1988	Bonzel	
		US- 4842579	06-27-1989	Shiber	
		US- 4857045	08-15-1989	Rydell	
		US- 4883458	11-28-1989	Shiber	·
		US- 4898575	02-06-1990	Fischell et al.	
		US- 4957482	09-18-1990	Shiber	
		US- 5049124	09-17-1991	Bales, Jr.	·
		<sup>US-</sup> 5087265	02-11-1992	Summers	
		US- 5097849	03-24-1992	Kensey et al.	
		US- 5114399	05-19-1992	Kovalcheck	
		US- 5195956	03-23-1993	Stockmeler	
_		US- 5267955	12-07-1993	Hanson	
		US- 5273526	12-28-1993	Dance et al.	
	F	US- 5284468	02-08-1994	Kotula et al.	
W		US-5314407	05-24-1994	Auth et al.	

	FOREIGN PATENT DOCUMENTS									
Examiner initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ				
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	, , , , , , , , , , , , , , , , , , , ,	Or Relevant Figures Appear	1				
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Examiner Signature	K. JPLOOD	Date Considered	14/27/06

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Company

Sheet 3

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/665,337				
Filing Date	09/18/2003				
First Named Inventor	Nash, John E.				
Art Unit					
Examiner Name					
Attorney Docket Number	KN P 0125				

Examinar Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code <sup>2 (Farmer)</sup>			Figures Appear
W		<sup>US-</sup> 5358472	12-25-1994	Vance et al.	
		<sup>US-</sup> 5395311	03-07-1995	Andrews	
		US- 5409454	04-25-1995	Fischell et al.	
		<sup>US-</sup> 5496267	03-05-1996	Drasier et al.	
		<sup>US-</sup> 5632755	05-27-1997	Nordgren et al.	
		US- 5665098	09-09-1997	Kelly et al.	
		US- 5681336	10-28-1997	Clement et al.	
		US- 5882329	03-16-1999	Patterson et al.	
		<sup>US-</sup> 5947985	09-07-1999	Imran	
		<sup>US-</sup> 5954745	09-21-1999	Gertler et al.	
4/		<sup>US-</sup> 6135991	10-24-2000	Muni et al.	
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		FORE	IGN PATENT DOCU	MENTS		
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	ļ	Country Code <sup>1</sup> "Number <sup>4</sup> "Kind Code <sup>8</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
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MASSE	B for form 1449/PTO			Application Number	10/665,337			
INFO	DRMATION	DIS	CLOSURE	Filing Date	09/18/2003			
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Nash, John E.			
				Art Unit		HT		
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			Rotoblator; Heart Technology, Inc	
2	J		Extraction Atherectomy, Putting Plaque and Thrombus in their Proper Place; Interventional Technologies, Inc.	
3			AngioJet Rapid Thrombectomy System; Possis Medical Inc. Innovations for Life; May, 1996.	
4			Rheolytic Thrombectomy System AngioJet; Possis Medical, Inc. Innovations for Life.	
À			Amplatz Thrombectomy Device, The Clot-Buster, Microvena Corporation.	
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